



YIEWSLEY AND WEST DRAYTON

URBAN DISTRICT COUNCIL

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

and

CHIEF SANITARY INSPECTOR

for

1945.

PATRICK M. J. BOBBETT, M.B., B.Ch., B.A.O., D.P.H.

Medical Officer of Health.



YIEWSLEY AND WEST DRAYTON

URBAN DISTRICT COUNCIL

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LIST OF MEMBERS, 1945.

Chairman

Mr. Councillor W. Roberts J.P.

Vice Chairman

Mr. Councillor F.C.Ashby

Members

Mr. Councillor	H. Beaumont, M.P.
Mrs.	" B. A. Beaumont, J.P.
Mr.	" R. P. Brewerton.
Mrs.	" M. P. Burck.
Mr.	" G. E. Clark.
"	" J. W. Craig.
"	" C. S. Davey.
"	" F. E. Dominey, J.P.
"	" H. W. Dunster.
"	" F. Durrans.
"	" G. A. Ferry.
"	" A. W. Ganley.
"	" F. A. Green.
"	" A. W. Hollis.
"	" A. A. Moyniham.
"	" C. C. Spalding.
"	" H. C. Stoakes.
"	" H. H. Thorne, J.P.
"	" G.W. Varley, J.P.
"	" T. W. Wild.



PUBLIC HEALTH COMMITTEE

Chairman:

Mrs. Councillor B. A. Beaumont J.P.

Vice Chairman:

Mr. Councillor R. P. Brewerton.

Members.

Mr.	Councillor	W. Roberts, J.P.
"	"	F.C. Ashby.
Mrs.	"	M.P. Burck.
Mr.	"	F.E. Dominey J.P.
"	"	H.W. Dunster.
"	"	F. Durrans.
"	"	G.A. Ferry.
"	"	F.A. Green.
"	"	A.W. Hollis.
"	"	A.A. Moyniham.
"	"	C.C. Spalding.
"	"	T. Wild

HOUSING COMMITTEE

Chairman:

Mr. Councillor F.A. Green.

Vice-Chairman:

Mr. Councillor A.W. Hollis.

MEMBERS.

Mr.	Councillor	W. Roberts J.P.
"	"	F.C. Ashby.
Mrs.	"	B.A. Beaumont J.P.
Mr.	"	R.P. Brewerton.
Mrs.	"	M.P. Burck.
Mr.	"	G.E. Clark.
"	"	J.W. Craig.
"	"	C. S. Davy.
"	"	F.E. Dominey J.P.
"	"	H.W. Dunster.
"	"	F. Durrans.
"	"	A.W. Ganley.
"	"	C.C. Spalding.
"	"	H.C. Stoakes.
"	"	H.H. Thorne, J.P.
"	"	T. Wild.



CHILD WELFARE COMMITTEE.

YIEWSLEY AND WEST DRAYTON.

Mrs. Councillor B. A. Beaumont, J.P.  
Mrs. Councillor M. P. Burck.  
Mrs. M. Varley.

HARMONDSWORTH.

Mrs. T. Wild.  
Mrs. B. E. Bath.  
Mrs. P. Stokes.

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PUBLIC HEALTH DEPARTMENT

STAFF:

Medical Officer of Health

PATRICK M. J. BOBBETT, M.B., B.Ch., B.A.O., D.P.H.,

Chief Sanitary Inspector

WILLIAM HENRY WRIGHT, A.R.S.I., M.S.I.A., (until October 1945)

ALFRED MAKIN, M.R.San.I., M.S.I.A., (from November 1945)  
Certified Inspector of Meat and  
Other Foods, Royal Sanitary Institute  
and Liverpool University.

Sanitary Inspector's Assistant

Mr. E. G. Welch. (from Nov.1945)

Clerk

Miss C. Warren.



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A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for

1945

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Public Health Department,  
67, High Street,  
YIEWSLEY.

TO THE CHAIRMAN AND MEMBERS OF THE YIEWSLEY AND WEST DRAYTON  
URBAN DISTRICT COUNCIL.

Mr. Chairman, Ladies and Gentlemen.

I have the honour to submit the Annual Report on the health and sanitary circumstances of the district for the year 1945, and in so doing have followed the instructions of the Ministry of Health.

GENERAL STATISTICS

The area of the district is at present constituted as follows:-

<u>Parish</u>	<u>Acres</u>
Yiewsley	1091
West Drayton	878
Harmondsworth	<u>3308</u>
	<u>5277</u>

POPULATION

The Registrar-General's Estimate of Population for the mid-year 1945 is 16,520.

NUMBER OF INHABITED HOUSES AT END OF YEAR

<u>Parish</u>	<u>1944</u>	<u>1945</u>
Yiewsley	2,182	2,190
West Drayton	1,543	1,533
Harmondsworth	931	891
	<u>4,656</u>	<u>4,614</u>

RATEABLE VALUE OF THE DISTRICT

<u>Parish</u>	<u>1944</u>	<u>1945</u>
Yiewsley	£57,094	£57,075
West Drayton	£33,725	£34,002
Harmondsworth	£28,574	£29,642
	<u>£119,393</u>	<u>£120,719</u>

Estimated product of a penny rate

<u>1944</u>	<u>1945</u>
£494	£494

SOCIAL CONDITIONS OF THE AREA

The district is partly industrial and partly agricultural, a large number of inhabitants are employed in industries in the district and also in the districts of Hayes & Harlington and Slough.

The chief industries in 1945 were principally engaged in production for the War Effort, engineering, etc.

The Agricultural industry is mainly that of Market Gardening and in regard to this I would mention that a considerable portion of the land has been acquired for the building of the new London Airport.

There are no industries having a deleterious effect on the health of the employees.

VITAL STATISTICS

BIRTHS:

		<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
<u>Live Births</u>	Legitimate	175	181	356
	Illegitimate	10	13	23
	Total -	<u>185</u>	<u>194</u>	<u>379</u>

Live Birth Rate per 1,000 of the estimated resident population 22.94  
(1944 22.1)

		<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
<u>Still Births</u>	Legitimate	5	2	7
	Illegitimate	1	1	2
		<u>6</u>	<u>3</u>	<u>9</u>

Rate per thousand (live and still) births 23.48  
(1944 22.7)

DEATHS:

<u>Males</u>	<u>Females</u>	<u>Total</u>
64	73	137

Death Rate per 1,000 of the estimated resident population 8.23  
(1944 10.1)

Maternal Mortality - Nil.

Deaths of Infants under 1 year of age:-

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	11	2	13
Illegitimate	-	-	-
Total	<u>11</u>	<u>2</u>	<u>13</u>

Death Rate of Infants under one year of age:-

All infants per 1,000 live births 33.5  
 Legitimate infants per 1,000 legitimate live births 33.5  
 Illegitimate infants per 1,000 illegitimate live births -nil

Deaths from Cancer (all ages) 24  
 Deaths from measles (all ages) NIL  
 Deaths from Whooping Cough (all ages) NIL  
 Deaths from Diarrhoea (under 2 years of age) 1

CAUSES OF DEATH DURING, 1945

<u>Disease</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Typhoid and paratyphoid fevers	-	-	-
Cerebro Spinal Fever	-	-	-
Scarlet Fever	-	-	-
Whooping Cough	-	-	-
Diphtheria	-	2	2
Respiratory Tuberculosis	2	2	4
Other forms of Tuberculosis	1	-	1
Syphilitic diseases	1	1	2
Influenza	-	-	-
Measles	-	-	-
Acute polio-myelitic & polio-encephalitis	1	-	1
Acute inf-encephalitis	-	-	-
Cancer of buccal cavity and oesophagus (M) uterus (F)	-	2	2
Cancer of stomach and duodenum	-	3	3
Cancer of breast.	1	4	5
Cancer of all other sites	6	8	14
Diabetes	-	-	-
Intra-cranial vascular lessions	4	12	16
Heart Disease	17	13	30
Other diseases of circulatory system	1	3	4
Bronchitis	4	3	7
Pneumonia	2	3	5
Other respiratory diseases	-	-	-
Ulcer of stomach or duodenum	2	-	2
Diarrhoea (under two years)	1	-	1
Appendicitis	2	-	2
Other digestive diseases	3	4	7
Nephritis	-	2	2
Puerperal & post-abortion sepsis	-	-	-
Other maternal causes	-	-	-
Premature birth	1	-	1
Congenital malformations, birth injury and infantile diseases	1	1	2



<u>Disease</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Suicide	-	-	-
Road traffic accidents	-	-	-
Other violent causes	5	2	7
All other causes	7	9	16
	<u>64</u>	<u>73</u>	<u>137</u>

ANALYSIS OF THE MOST PREVALENT NOTIFIABLE INFECTIOUS

DISEASES FOR THE PAST TWO YEARS

	<u>1944</u>	<u>1945</u>
Typhoid Fever	-	-
Paratyphoid	-	-
Scarlet Fever	80	27
Whooping Cough	52	67
Diphtheria	1	2
Erysipelas	2	6
Smallpox	-	-
Measles	94	303
Pneumonia	21	14
Puerperal Pyrexia	-	-
Cerebro spinal fever	-	-
Dysentery	-	29

DIPHTHERIA IMMUNISATION

Diphtheria Immunisation clinics were started in January 1941 at two centres - the First Aid Post, West Drayton and the First Aid Post, Yiewsley. The West Drayton Clinic was discontinued at the beginning of 1945 and all immunisation sessions are now held at the Yiewsley Clinic and at the West Drayton Day nursery.

During the year 1946 the number of children who completed the course of immunisation is as follows:-

<u>Age at 31.12.45.</u>	Under 1 year	3
	1-	99
	2-	32
	3-	16
	4-	12
	5-9	16
	10-14	1
Total under 15-		179

TUBERCULOSIS

ANALYSIS OF NEW CASES & MORTALITY DURING 1945

Age Periods.	<u>New Cases</u>				<u>Deaths</u>			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
0 -	-	-	-	-	-	-	-	-
1 -	$\frac{3}{5}$	-	-	-	-	-	-	-
5 -	-	1	-	-	-	-	-	-
15 -	3	3	-	1	2	1	-	-
25 -	5	3	1	-	-	-	-	-
35 -	1	1	-	-	-	-	-	-
45 -	2	-	-	-	-	-	-	-
55 -	-	-	-	-	1	-	-	-
65 -	1	1	-	-	-	1	-	-
Totals	12	9	1	1	3	2	-	-

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

(a) There are three Nursing Associations in the area and these associations provide district nurses for attendance upon cases of sickness other than infectious disease and maternity. These associations are undoubtedly carrying out this excellent work in a most efficient manner.

(b) The Maternity & Child Welfare Authority is the Middlesex County Council.

(c) Infectious Disease. This authority is a constituent authority of the Uxbridge Joint Hospital Board.

(d) Laboratory facilities. Bacteriological examination of specimens is carried out by the Hampstead Laboratory, Uxbridge and the Council provide for the free examination of throat swabs, sputum etc.

(e) Ambulance facilities.

(i) Infectious Cases. These cases are carried in the Ambulance attached to the Joint Isolation Hospital.

(ii) Non-infectious cases. The Council has two ambulances housed in the Council Depot, West Drayton and they are on call day and night.

SCABIES CLINIC

This Clinic was closed down during the year owing to the shortage of staff, but it is hoped that one will be opened in connection with the proposed cleansing and disinfection station.



SANITARY CIRCUMSTANCES OF THE AREA

(i) Water Supply. The Rickmansworth & Uxbridge Valley Water Co., supply the greater part of the district, but there are still houses in Stockley, West Drayton, Harmondsworth and Longford obtaining their water supply from shallow wells. Efforts will be made during the ensuing year to provide a piped water supply to as many houses as possible.

All water supplied by the water company is sterilised by the Chlorine Ammonia process and below is a copy of the analysis report on the water supply:-

ANALYSIS OF A SAMPLE OF WATER received on 4th January 1946.  
 from RICKMANSWORTH & UXBRIDGE VALLEY WATER COMPANY  
 Labelled Tap on rising main No. 3 Borehole - West Drayton  
 Pumping Stn. (Raw Water) Date 3.1.46 10.45 a.m.  
 Taken by W.C. Dewey. Witness R.N. Frith Signed W.C. Dewey.  
CHEMICAL RESULTS IN PARTS PER 100,000  
 Appearance Bright - few particles of mineral debris.  
 Turbidity: Less than 5 parts per million, Silica Scale.  
 Colour Normal Odour Nil  
 Reaction pH Neutral: 7.3 Free Carbonic Acid 1.6  
 Electric Conductivity at 20°C 500 Total Solids, dries at 180°C 33.5  
 Chlorine in Chlorides 2.0 Alkalinity as Calcium Carbonate 23.0  
 Hardness: Total 19.5 Temporary 19.5 Permanent 0.0  
 Nitrogen in Nitrates 0.00 Nitrogen in Nitrites Less than 0.001  
 Free Ammonia 0.038 Ammoniacal Nitrogen 7  
 Albuminoid Ammonia 0.0000 Albuminoid Nitrogen 7  
 Oxygen Absorbed in 4 hrs. at 27°C 0.005  
 Metals Iron 0.005 Other metals absent

BACTERIOLOGICAL RESULTS

Number of "Bacteria" growing (1 day at 37°C 2 days at 37°C  
 on Agar per cc. or ml. in (0 0  
 3 days at 20°C,  
 0

Presumptive Coliform Reaction Present 7 Absent 100 cc.  
 Bact. coli Present 7 Absent 100 c.c.  
 Cl. welchii Reaction Present 7 Absent 100 c.c.

This sample is practically clear and bright in appearance, neutral in reaction and free from metals apart from a negligible trace of iron. The water is moderately hard in character, contains no excess of salinity or mineral constituents in solution and is of the highest standard of organic and bacterial purity.

These results are normal, very satisfactory and consistent with a pure and wholesome water suitable for public supply purposes.

(ii) Drainage & Sewerage.

A large proportion of the area is connected to the West Middlesex Trunk Sewer which discharges into the outfall works at Mogden. There are however still a large number of Cesspools and Earthclosets in the area.

There is no foul sewer in the village of Longford and the provision of such a sewer is of prime importance.

(iii) Public Cleansing.

The collection of house refuse is carried out by two vehicles a convertible body being used as a Cesspool Exhauster for two and a half days per week.

At the present time the collection averages once every seventeen days, but it is the Councils intention to purchase a further vehicle during 1946 and with an improved labour situation it should be possible to provide a weekly collection. There is no separate collection of Trade Refuse.

Refuse disposal is by "controlled tipping" carried out in accordance with the regulations of the Ministry of Health.

SANITARY INSPECTION OF THE AREA

Number of premises inspected	93
Number of premises inspected in connection with infectious disease	38
Total number of inspections and re-inspections carried out	410
Number of Informal Notices served	45
Number of Statutory Notices served	Nil

MILK SUPPLY

There are four cowkeepers in the district, but owing to pressure of work and shortage of staff it was impossible to maintain regular inspection.

The bulk of the milk sold in the district is sold in bottles and is mainly pasteurised.

There are 10 retail purveyors of milk registered to sell within the Urban District.

The number of licensed distributors of Designated Milk are as follows:-

<u>Designation.</u>	<u>No. of persons licensed.</u>
Pasteurised	7
Tuberculin Tested	5
Accredited	Nil



Mr. Wright the late Chief Sanitary Inspector of the Council was seriously ill for the greater part of the year and was obliged to retire in October for reasons of ill health. On account of his ill health and also owing to the shortage of staff due to war service etc, working conditions in the Public Health Department have been difficult, as there was no one to carry out the Sanitary Inspector's duties.

I would like to take the opportunity of placing on record my appreciation of the work of Mr. Wright particularly that carried out in extreme difficulty during the war years.

Mr. Makin was appointed Chief Sanitary Inspector in succession to Mr. Wright and commenced duties in November on release from H.M.Forces.

The collaboration of the officials of other Departments, especially that of the Surveyors, has been very helpful and has facilitated the work of this Department.

Finally may I express my thanks to you, Mr. Chairman, Ladies and Gentlemen, and in particular the Chairman and Members of the Public Health Committee for their invaluable consideration and support which the Department has received throughout the year.

I am, Ladies and Gentlemen,

Your obedient servant,

PATRICK M. J. BOBBETT,

Medical Officer of Health.